## COMBINED I CLARATION AND POWER OF A ORNEY FOR PATENT COOPERATION TREATY APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROCESSES FOR PRODUCING SUGAR NUCLEOTIDES AND COMPLEX

CARBOHYDRATES

the specification of which was filed as PCT international application No. PCT/JP97/03225

on September 12, 1997 and was amended under PCT Article 19 on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35 U.S.C. §119(a)-(d) or §365(b), of any foreign application(s) for patent or inventor's certificate, or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Country	Application No.	Filed (Day/Mo./Yr.)	(Yes/No) Priority Claimed
Japan	243120/1996	13/September/1996	yes
Japan	285065/1996	28/October/1996	yes

I hereby appoint Joseph M. Fitzpatrick (Registration No. 17,398), Lawrence F. Scinto (Registration No. 18,973), William J. Brunet (Registration No. 20,452), Robert L. Baechtold (Registration No. 20,860), John A. O'Brien (Registration No. 24,367), John A. Krause (Registration No. 24,613), Henry J. Renk (Registration No. 25,499), Peter Saxon (Registration No. 24,947), Anthony M. Zupcic (Registration No. 27,276), Charles P. Baker (Registration No. 26,702), Stevan J. Bosses (Registration No. 22,291), Edward E. Vassallo (Registration No. 29,117), Ronald A. Clayton (Registration No. 26,718), Lawrence A. Stahl (Registration No. 30,110), Laura A. Bauer (Registration No. 29,767), Leonard P. Diana (Registration No. 29,296), David M. Quinlan (Registration No. 26,641), Nicholas N. Kallas (Registration No. 31,530), William M. Wannisky (Registration No. 28,373), Lawrence S. Perry (Registration No. 31,865), Robert H. Fischer (Registration No. 30,051), Christopher Philip Wrist (Registration No. 32,078), Gary M. Jacobs (Registration No. 28,861), Michael K. O'Neill (Registration No. 32,622), Bruce C. Haas (Registration No. 32,734), Scott K. Reed (Registration No. 32,433), Scott D. Malpede (Registration No. 32,533), Fredrick M. Zullow (Registration No. 32,452), Richard P. Bauer (Registration No. 31,588), Warren E. Olsen (Registration No. 27,290), Abigail F. Cousins (Registration No. 29,292), Steven E. Warner (Registration No. 33,326), Thomas J. O'Connell (Registration No. 33,202), David L. Schaeffer (Registration No. 32,716), Jack S. Cubert (Registration No. 24,245), Mark A. Williamson (Registration No. 33,628), Jean K. Dudek (Registration No. 30,938), Raymond R. Mandra (Registration No. 34,382), Dominick A. Conde (Registration No. 33,856), Pasquale A. Razzano (Reg. No. 25,512), John W. Behringer (Registration No. 23,086), Robert C. Kline (Registration No. 17,739), Mark J. Itri (Registration No. 36,171), Michael P. Sandonato (Registration No. 35,345), Jack M. Arnold (Registration No. 25,823), John D. Carlin (Registration No. 37,292), Daniel S. Glueck (Registration No. 37,838), Joseph W. Ragusa (Registration No. 38,586), Brian L. Klock (Registration No. 36,570), Anne M. Maher (Registration No. 38,231), William J. Zak, Jr. (Registration No. 38,668), Thomas D. Pease (Registration No. 35,317), Bruce M. Wexler (Registration No. 35,409), Robert S. Mayer (Registration No. 38,544), Errol B. Taylor (Registration No. 39,853), Matthew J. Golden (Registration No. 35,161), Sean W. O'Brien (Registration No. 37,689), Dolores A. Moro-Grossman (Registration No. 33,972), T. Thomas Gellenthien (Registration No. 39,683), Douglas Sharrott (Registration No. 39,832), Gordon F. Sieckmann (Registration No. 28,667), Jay H. Anderson (Registration No. 38,371), Nandu A. Talwalkar (Registration No. 41,339), Paul A. Pysher (Registration No. 40,780) Joseph G. Swan (Registration No. 41,338), Kenneth Crimaldi (Registration No. 40.968), Shu Muk Lee (Registration No. 41,147), Kathryn Sieburth (Registration No. 40,072), Lee A. Goldberg (Registration No. 38,894), and Leisa M. Smith (Registration No. 39,378) my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

## COMBINED D LARATION AND POWER OF A DRNEY FOR PATENT APPLICATION

(Page 2)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor	Satoshi Koizumi	
Inventor's signature	Koriumi	
Date May 6, 1998	Citizen/Subject of	Japan
Residence Tokyo, Japan	<u> </u>	-
Post Office Address 3-9-10, Naka-mac		Tokyo 194-0021 Japan
Full Name of Second Joint Inventor, if any	Hisaji Kawa	no ·
Second Inventor's signature Hisa 30	Kawanie	
Date May 6, 1998	Citizen/Subject of	Japan
Residence Yamaguchi, Japan	<u> </u>	
Post Office Address 821, Kishimi, To	kuji-cho, Saba-	gun, Yamaguchi 747-0233:Japar
Full Name of Third Joint Leaves 16	75	
Full Name of Third Joint Inventor, if any	Kuniki Kino	
Third Inventor's signature Kund	ra puno	
Date May 6, 1998	Citizen/Subject of	Japan
Residence Yamaquchi, Japan		
Post Office Address 2-2-201, Kyowa-ma	achi, Hofu-shi,	<u>Yamaguchi 747-0815 Japan</u>
<u> </u>		
Full Name of Fourth Joint Inventor, if any _	Akio Ozaki	
Fourth Inventor's signature Africa	AKIO OZAKI	
Date May 6 1998	Civi (Culi of C	7
Date May 6, 1998  Residence Tokyo, Japan	Citizen/Subject of	Japan
residence		
Post Office Address 3-9-13, Naka-mach	ir, Machida-shi,	TORYO 194-0021 Japan
Full Name of Fifth Joint Inventor, if any		
Fifth Inventor's signature		
Date	Citizen/Subject of	· · · · · · · · · · · · · · · · · · ·
Residence	Citizen/Subject of	
Post Office Address		
•		
Full Name of Sixth Joint Inventor, if any		
Sixth Inventor's signature		
_	Citizen/Subject of	
Residence	email/subject of	<u> </u>
Post Office Address	· .	
Date		
Full Name of Seventh Joint Inventor, if any		
Seventh Inventor's signature	······································	
Date	Citizen/Subject of	
Residence		<del></del>
Residence Post Office Address	· · · · · · · · · · · · · · · · · · ·	
		· · · · · · · · · · · · · · · · · · ·